

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Brendan McKeown *et al.*

Application No.: To Be Assigned
(International App. No: PCT/GB02/05941)

Group Art Unit: To Be Assigned

Filed: Herewith
(International App.: December 30, 2002)

Examiner: To Be Assigned

Title: Soluble Recombinant Protein Production

Mail Stop PCT – National Phase
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE UNDER 37 CFR 1.97(b)

Sir:

The present application is a 371 of PCT/GB02/05941. Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, submitted herewith in duplicate is a substitute Form PTO-1449 listing the references cited in the Search Report in the international phase.

It is believed that copies of the references have been or will be forwarded by the International Search Authority. Examiner is encouraged to contact the undersigned if reference copies have not been received.

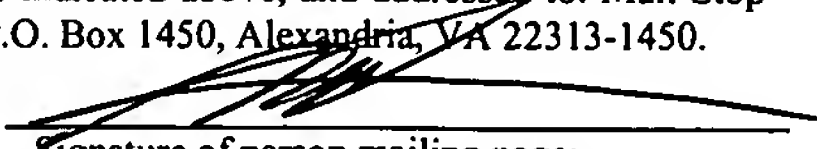
The Examiner is respectfully requested to review the items listed on the Form PTO-1449 and make them of record in the instant application as required by M.P.E.P. §609. It is requested that the Examiner initial the enclosed duplicate substitute Form PTO-1449, and return one copy to the undersigned.

CERTIFICATE OF MAILING
UNDER 37 C.F.R. 1.10

EXPRESS MAIL Mailing Label Number: EL975358785US

Date of Deposit: 28 June 2004

I hereby certify that this correspondence, along with any paper referred to as being attached or enclosed, and/or fee, is being deposited with the United States Postal Service, "EXPRESS MAIL-POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10, on the date indicated above, and addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Signature of person mailing page:

MICHELLE D. SEBASTIAN

Type or print name of person

This Information Disclosure Statement should not be construed as a representation that the cited references are material or that more relevant prior art does not exist.

This statement is being submitted before receipt of any office action on the merits. Thus, no fee is due for the filing of this paper. However, if a fee is due, please charge deposit account 50-0573.

Applicants' undersigned attorney may be reached by telephone at (215) 988.3312. All correspondence should be directed to the below-listed address.

Respectfully submitted,



Daniel A. Monaco
Registration No. 30,840
DRINKER BIDDLE & REATH LLP
One Logan Square
18th and Cherry Streets
Philadelphia, PA 19103-6996
Tel: (215) 988.3312
Fax: (215) 988.2757

Sheet 1 of 1

Form PTO-1449

U.S. Department of Commerce

Date Filed: June 28, 2004

DOCKET NO. 08830-0286US1

APPLN. NO. TBA

APPLICANT: **Brendan McKeown *et al.***FILING DATE: **Herewith**GROUP **TBA**

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if appropriate

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes/No/Abstract

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, etc.)

	PRYOR K D ET AL: "HIGH-LEVEL EXPRESSION OF SOLUBLE PROTEIN IN ESCHERICHIA COLI USING A HIS6-TAG AND MALTOSE-BINDIN-PROTEIN DOUBLE-AFFINITY FUSION SYSTEM" PROTEIN EXPRESSION AND PURIFICATION, ACADEMIC PRESS, US, vol. 10, no. 3, 08/1997, pages 309-319.
	ZHANG Y ET AL: "EXPRESSION OF EUKARYOTIC PROTEINS IN SOLUBLE FORM IN ESCHERICHIA COLI" PROTEIN EXPRESSION AND PURIFICATION, ACADEMIC PRESS, US, vol. 12, 1998, pages 159-165.
	DAVIS GREGORY D ET AL: "New fusion protein systems designed to give soluble expression in Escherichia coli" BIOTECHNOLOGY AND BIOENGINEERING. INCLUDING: SYMPOSIUM BIOTECHNOLOGY IN ENERGY PRODUCTION AND CONSERVATION, JOHN WILEY & SONS. NEW YORK, US, vol. 65, no. 4, 1999, pages 382-388.
	TON-THAT HUNG ET AL: "Purification and characterization of sortase, the transpeptidase that cleaves surface proteins of Staphylococcus aureus at the LPXTG motif." PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES, vol. 96, no. 22, 10/26/1999, pages 12424-12429.
	ILANGOVAN UDAYAR ET AL: "Structure of sortase, the transpeptidase that anchors proteins to the cell wall of Staphylococcus aureus." PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES, vol. 98, no. 11, 05/22/2001, pages 6056-6061.

Examiner Signature:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

PTO-1449.doc

PHIP\382449v1